

**DELIVERY SYSTEM AND METHOD FOR  
INTERSTITIAL RADIATION THERAPY USING SEED STRANDS WITH CUSTOM  
END SPACING**

**Inventors:**

**Richard A. Terwilliger  
Gary A Lamoureux**

**CLAIM OF PRIORITY**

[0001] This application claims priority to U.S. Patent Provisional Application 60/469,940 filed May 13, 2003, which is incorporated herein by references.

**CROSS-REFERENCE TO RELATED APPLICATIONS**

[0002] The following applications are cross-referenced and incorporated herein in their entirety:

[0003] U.S. Patent Application No. 60/360,237, entitled "System for Manufacturing Interstitial Radiation Therapy Seed Strands", by Terwilliger et al., filed February 26, 2002.

[0004] U.S. Patent Application No. 60/360,272 entitled "Delivery System and Method for Interstitial Radiation Therapy Using Strands Constructed with Extruded Strand Housing", by Terwilliger et al., filed February 26, 2002.

[0005] U.S. Patent Application No. 10/162,548 entitled "Delivery System and Method for Interstitial Radiation Therapy Using Strands Constructed with Extruded Strand Housing", by Terwilliger et al., filed June 4, 2002.

[0006] U.S. Patent Application No. 10/162,546 entitled, "System for Manufacturing Interstitial Radiation Therapy Seed Strands" by Terwilliger et al., filed June 4, 2002.

[0007] U.S. Patent Application No. 10/162,006 entitled, Delivery System and Method for Interstitial Radiation Therapy Using Strands Constructed with Extruded Strand Housings", by Terwilliger et al., filed June 4, 2002.

[0008] U.S. Patent Application No. 10/397,940 entitled, "Delivery System and Method for